

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No.	Application No.:
	LAM1P177/P1139	10/648,953
	Applicant:	
	KANG et al.	
	Filing Date	Group
	August 26, 2003	2823

### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
/J.M./	A1.	2005/0164479A1	07/28/05	Perng et al.			01/27/04
	A2.						
	A3.						
	A4.						
	A5.						
	A6.						
	A7.						
	A8.						
	A9.						
	A10.						

### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1.							
	B2.							
	B3.							
	B4.							
	B5.							

### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
/J.M./	C1.	Eric Eisenbraun et al., "Atomic Layer Deposition (ALD) of Tantalum-based Materials for Zero Thickness Copper Barrier Applications", Proceedings of IEEE (2001), pages 207-209.
	C2.	
	C3.	
	C4.	

Examiner	Date Considered
/Julio Maldonado/	03/23/2007

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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(Use Several Sheets if Necessary)	Filing Date <b>August 26, 2003</b>	Group <b>Unassigned</b>

#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
<i>[Signature]</i>	A	5,501,893	03/26/96	Laermer et al.	428	161	11/27/93
<i>[Signature]</i>	B	6,187,685 B1	02/13/01	Hopkins et al.	438	710	02/08/99
<i>[Signature]</i>	C	6,261,962 B1	07/17/01	Bhardwaj et al.	438	702	08/01/97
	D						
	E						
	F						
	G						
	H						
	I						
	J						

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	K						Yes	No
	L							
	M							
	N							

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	O	
	P	
	Q	
Examiner <i>[Signature]</i>		Date Considered <i>03/23/2007</i>

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**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
<i>[Signature]</i>	A	6,368,974 B1	04/09/02	Tsai et al.	438	695	08/02/99
	B						
	C						
	D						
	E						
	F						
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	H						
	I						
	J						

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							Yes	No
	K							
	L							
	M							
	N							

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	O	
	P	
	Q	
Examiner <i>[Signature]</i>	Date Considered <i>09/05/2004</i>	

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